

**Flood Control Project Maintenance
Levee Inspections**

Fall 2015 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including USACE Erosion Survey

Sacramento River Basin

NA0004	Overall LMA Rating	Total LMA Miles						
Marysville Levee Commission	U	11.27						
Rated Item	Maintenance Deficiency				Enforcement		Design & System Obsolescence	
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
<i>Earthen Levee</i>								
Vegetation	4.10		4.10	36.39%				
Encroachments					0.58	1.91	0.01	
Slope Stability	0.01		0.01	0.09%				
<i>Supplemental</i>								
DWR UCIP Field Study					0.19	0.12		
<i>LMA Totals:</i>	4.11	0.00	4.11	36.48%	0.77	2.03	0.01	0.00

Unit No. 01 Simmerly Slough LB	Overall Unit Rating	Total Unit Miles						
NA0004	A	3.23						
Rated Item	Maintenance Deficiency				Enforcement		Design & System Obsolescence	
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
<i>Earthen Levee</i>								
Encroachments							0.01	
Slope Stability	0.01		0.01	0.31%				
<i>Supplemental</i>								
DWR UCIP Field Study					0.04	0.01		
<i>Unit Totals:</i>	0.01	0.00	0.01	0.31%	0.04	0.01	0.01	0.00

Unit No. 02 Feather River LB	Overall Unit Rating	Total Unit Miles						
NA0004	A	1.25						
Rated Item	Maintenance Deficiency				Enforcement		Design & System Obsolescence	
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
<i>Supplemental</i>								
DWR UCIP Field Study					0.03	0.01		
<i>Unit Totals:</i>	0.00	0.00	0.00	0.00%	0.03	0.01	0.00	0.00

Unit No. 03 Yuba River RB	Overall Unit Rating	Total Unit Miles						
NA0004	U	6.79						
Rated Item	Maintenance Deficiency				Enforcement		Design & System Obsolescence	
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
<i>Earthen Levee</i>								
Vegetation	4.10		4.10	60.42%				
Encroachments					0.58	1.91		
<i>Supplemental</i>								
DWR UCIP Field Study					0.12	0.10		
<i>Unit Totals:</i>	4.10	0.00	4.10	60.42%	0.70	2.01	0.00	0.00

**Flood Control Project Maintenance
Levee Inspections**
LMA District Cover Sheet
Fall 2015 Levee Inspection Results

Marysville Levee Commission

	Spring (March - May)	Summer ** (June - August)	Fall (September - November)	Winter ** (December - February)
* Overall LMA Rating (Fall Only)			U	

** Non-receipt of Summer or Winter Inspection Reports may effect overall annual rating.

*
SPRING INSPECTIONS: Overall maintenance ratings are not determined for the spring inspection results. Individual maintenance deficiencies are rated using the same criteria in the spring and in the fall.

FALL INSPECTIONS: The overall maintenance rating shown above is based on operation and maintenance deficiencies identified within the attached unit inspection reports. This rating is not intended to be an indication of risk.

Comments

**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Fall 2015 Levee Inspection Results

Marysville Levee Commission

Waterway			Bank	Unit Miles
Unit No. 01 Simmerly Slough			Left	3.23
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			A	
Date of Inspection	05/12/2015 - 05/12/2015		11/04/2015 - 11/04/2015	
DWR Inspector	Michael Pitta		Jai Lor	
Accompanied By	Frank Miller Marysville Levee District		Frank Miller Marysville Levee District	

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Marysville Levee Commission

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Simmerly Slough	Left	3.23	11/04/2015 11/04/2015	Jai Lor

LM Start		Rating **	A	Issue No.	4
LM End		Issue Type +	Ma	Location *	N/A
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Operations & Maintenance Manuals				o
					o
DWR ID	DWR_NA0004_01_s _ 2013_4				
Action/Comments					
Inspector Comments: Frank Miller stated that he has a couple copies of the O&M manuals and they are located at the district office.					

No Photos

LM Start		Rating **	A	Issue No.	5	
LM End		Issue Type +	Ma	Location *	N/A	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Emergency Supplies & Equipment				o	
					o	
DWR ID	DWR_NA0004_01_s _ 2013_5					
Action/Comments						
Inspector Comments: LMA stated that most of the emergency flood fight supplies are located at 214 1st St.						

No Photos

LM Start		Rating **	A	Issue No.	6
LM End		Issue Type +	Ma	Location *	N/A
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Flood Preparedness & Training				°
					°
DWR ID	DWR_NA0004_01_s _ 2013_6				
Action/Comments					
Inspector Comments: Frank Miller stated that he and his employees were able to participate in a flood fight training exercise recently with Emergency Services and Yuba County OES.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	--	---

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Marysville Levee Commission

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Simmerly Slough	Left	3.23	11/04/2015 11/04/2015	Jai Lor

LM Start	0.96	Rating **	M	Issue No.	37
LM End	0.96	Issue Type +	En	Location *	N/A
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.158946 °	39.158946 °
				-121.589930 °	-121.589930 °
DWR ID					

Action/Comments

Inspector Comments: FS_ID:40931
 DS_ID:19100
 EP_NO: 14518
 FS_HLM: 0.922
 Repair Type: Non-Urgent
 Crossing Status: Indicator Found
 UCIP Comments: Recommend having owner removing tall grass along slopes to properly inspect signs of pipe failure.
 FIELD_STRUCT_DESC: 1 of 2: 10-inch steel pipe through levee, 4.0 feet below crown. Flap gate on waterward end. Concrete vault on waterward shoulder. Metal meter box on the landward shoulder. Pump placed on concrete footings at toe of landward slope. Drainage for underpass. Pipes approx. 2.5-feet apart. (Permit No. 14518-1987).
 FS Date: 03/14/2013

LM Start	0.96	Rating **	M	Issue No.	37 (cont)
LM End	0.96	Issue Type +	En	Location *	N/A

Photo 1 of 3 : UCIP_FA_2015_5156.jpg



Close up view of manhole.

Photo 2 of 3 : UCIP_FA_2015_5157.jpg



Concrete vault on waterward shoulder with manhole.

* Location	** Rating	+ Issue Type
LS : Land Side WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
N/A : Not Applicable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Marysville Levee Commission

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Simmerly Slough	Left	3.23	11/04/2015 11/04/2015	Jai Lor

LM Start	0.96	Rating **	M	Issue No.	37 (cont)
LM End	0.96	Issue Type +	En	Location *	N/A
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.158946 °	39.158946 °
				-121.589930 °	-121.589930 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:40931					
DS_ID:19100					
EP_NO: 14518					
FS_HLM: 0.922					
Repair Type: Non-Urgent					
Crossing Status: Indicator Found					

Photo 3 of 3 : UCIP_FA_2015_5158.jpg



View of landward side.

LM Start	0.96	Rating **	M	Issue No.	38
LM End	0.96	Issue Type +	En	Location *	N/A
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.158951 °	39.158951 °
				-121.589929 °	-121.589929 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:40933 DS_ID:19093 EP_NO: 14518 FS_HLM: 0.923 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Recommend having owner removing tall grass along slopes to properly inspect signs of pipe failure. FIELD_STRUCT_DESC: 2 of 2: 10-inch steel pipe through levee, 4.0 feet below crown. Flap gate on waterward end. Concrete vault on waterward shoulder. Metal meter box on the landward shoulder. Pump placed on concrete footings at toe of landward slope. Drainage for underpass. Pipes approx. 2.5-feet apart. (Permit No. 14518-1987). FS Date: 03/14/2013					

Photo 1 of 3 : UCIP_FA_2015_5159.jpg



Close up of manhole.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
--	--	---	--	---	--

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Marysville Levee Commission

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Simmerly Slough	Left	3.23	11/04/2015 11/04/2015	Jai Lor

LM Start	0.96	Rating **	M	Issue No.	38 (cont)
LM End	0.96	Issue Type +	En	Location *	N/A
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.158951 °	39.158951 °
				-121.589929 °	-121.589929 °
DWR ID					

Action/Comments

Inspector Comments: FS_ID:40933
 DS_ID:19093
 EP_NO: 14518
 FS_HLM: 0.923
 Repair Type: Non-Urgent
 Crossing Status: Indicator Found
 UCIP Comments: Recommend having owner removing tall grass along slopes to properly inspect signs of pipe failure.
 FIELD_STRUCT_DESC: 2 of 2: 10-inch steel pipe through levee, 4.0 feet below crown. Flap gate on waterward end. Concrete vault on waterward shoulder. Metal meter box on the landward shoulder. Pump placed on concrete footings at toe of landward slope. Drainage for underpass. Pipes approx. 2.5-feet apart. (Permit No. 14518-1987).
 FS Date: 03/14/2013

LM Start	0.96	Rating **	M	Issue No.	38 (cont)
LM End	0.96	Issue Type +	En	Location *	N/A

Photo 2 of 3 : UCIP_FA_2015_5160.jpg



Concrete vault located on waterward shoulder.

Photo 3 of 3 : UCIP_FA_2015_5161.jpg



View of pump concrete building located on landward side.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	--	---

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Marysville Levee Commission

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Simmerly Slough	Left	3.23	11/04/2015 11/04/2015	Jai Lor

LM Start	0.97	Rating **	M	Issue No.	36
LM End	0.97	Issue Type +	Ob	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.159210 °	39.159210 °
				-121.590033 °	-121.590033 °
DWR ID	DWR_NA0004_01_f _ 2013_36				
Action/Comments					
Retaining Wall					
Inspector Comments: Concrete retaining wall and toe cut noted by the Corp.					

Photo 1 of 1 : FA_2015_NA0004_104_36_20151112_00002.jpg



View of the concrete retaining wall at the toe of the levee on the waterward side looking downstream. Fall 2015.

LM Start	1.41	Rating **	M	Issue No.	39
LM End	1.41	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.159270 °	39.159270 °
				-121.589015 °	-121.589015 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:41003 DS_ID:19097 EP_NO: 14036 FS_HLM: 1.37 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Unable to determine if utility crosses levee--no marker visible on WS. AT&T representative was out near crossing and she referred us to David Parmenter, AT&T Engineer, 530-477-3099. Will need to contact AT&T to determine if any crossing goes through the levees at Marysville. FIELD_STRUCT_DESC: 1-inch diameter fiber optic communication line through levee 60-inch below crown crosses line. Crosses overflow areas and channel. (Permit No. 14036-1986). FS Date: 03/19/2013					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
---	--	--	--	--	--

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Marysville Levee Commission

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Simmerly Slough	Left	3.23	11/04/2015 11/04/2015	Jai Lor

LM Start	1.99	Rating **	U	Issue No.	40
LM End	1.99	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.164950 °	39.164950 °
				-121.581845 °	-121.581845 °
DWR ID					

No Photos

Action/Comments					
Inspector Comments: FS_ID:42043 DS_ID:19112 EP_NO: 2279 FS_HLM: 1.97 Repair Type: Urgent Crossing Status: Not Found UCIP Comments: No markers found. Need to contact owner to determine status of crossing. Frank Miller Superintendent Marysville Levee Commission: To whom it may concern, Marysville Levee Commission is in process of drafting letter to PG&E concerning line status, whether active/or non-active as well as exact coordinates. FIELD_STRUCT_DESC: 3/4-inch concrete encased gas line through the levee, 5.0 feet below the crown. Steel plate at center of levee (6x6-foot #8 Ga.), surrounds concrete encasement. (Permit No. 2279-1958). FS Date: 03/14/2013					

LM Start	3.19	Rating **	M	Issue No.	41
LM End	3.19	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.163888 °	39.163888 °
				-121.560262 °	-121.560262 °
DWR ID					

Action/Comments					
Inspector Comments: FS_ID:40935 DS_ID:19115 EP_NO: 12878 FS_HLM: 3.2027 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Need to contact owner to determine additional information about crossing and alignment. FIELD_STRUCT_DESC: 24-inch steel pipe encasing 4-inch PVC communications extension through the levee, annular gap grouted, 8 feet below levee crown. Cutoff wall (12x12x20-inch) around extension from levee slopes. (Permit No. 12878-1980). FS Date: 03/14/2013					

Photo 1 of 3 : UCIP_FA_2015_5162.jpg



Manhole located behind fenced area on landward side.

* Location	** Rating	+ Issue Type
LS : Land Side WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
N/A : Not Applicable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Marysville Levee Commission

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Simmerly Slough	Left	3.23	11/04/2015 11/04/2015	Jai Lor

LM Start	3.19	Rating **	M	Issue No.	41 (cont)
LM End	3.19	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.163888 °	39.163888 °
				-121.560262 °	-121.560262 °
DWR ID					

Action/Comments

Inspector Comments: FS_ID:40935
 DS_ID:19115
 EP_NO: 12878
 FS_HLM: 3.2027
 Repair Type: Non-Urgent
 Crossing Status: Indicator Found
 UCIP Comments: Need to contact owner to determine additional information about crossing and alignment.
 FIELD_STRUCT_DESC: 24-inch steel pipe encasing 4-inch PVC communications extension through the levee, annular gap grouted, 8 feet below levee crown. Cutoff wall (12x12x20-inch) around extension from levee slopes. (Permit No. 12878-1980).
 FS Date: 03/14/2013

LM Start	3.19	Rating **	M	Issue No.	41 (cont)
LM End	3.19	Issue Type +	En	Location *	WS

Photo 2 of 3 : UCIP_FA_2015_5163.jpg



View of landward side.

Photo 3 of 3 : UCIP_FA_2015_5164.jpg



Marker on landward side.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	--	---

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Marysville Levee Commission

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Simmerly Slough	Left	3.23	11/04/2015 11/04/2015	Jai Lor

LM Start	3.23	Rating **	M	Issue No.	1
LM End	3.23	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			39.163590 °	39.163590 °
				-121.559495 °	-121.559495 °
DWR ID	DWR_NA0004_01_s _ 2012_1				
Action/Comments					
Repair slope instability. Inspector Comments: This drain pipe has been added to the site on the Corps PI.					

Photo 1 of 1 : FA_2015_NA0004_104_1_20151030_00001.jpg



This site is on the Corps PI.

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Fall 2015 Levee Inspection Results

Marysville Levee Commission

Waterway			Bank	Unit Miles
Unit No. 02 Feather River			Left	1.25
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			A	
Date of Inspection	05/12/2015 - 05/12/2015		11/04/2015 - 11/04/2015	
DWR Inspector	Michael Pitta		Jai Lor	
Accompanied By	Frank Miller		Frank Miller	

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Marysville Levee Commission

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Feather River	Left	1.25	11/04/2015 11/04/2015	Jai Lor

LM Start	0.00	Rating **	M	Issue No.	10
LM End	0.00	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.149548 °	39.149548 °
				-121.601110 °	-121.601110 °
DWR ID					

Action/Comments

Inspector Comments: FS_ID:40936
 DS_ID:19117
 EP_NO: 3684
 FS_HLM: 0.0103
 Repair Type: Non-Urgent
 Crossing Status: Indicator Found
 UCIP Comments: Marker missing on landward side. Need to contact owner to determine status of crossing. Need date of last inspection and confirmation that crossing is still in operable condition.
 FIELD_STRUCT_DESC: 8-inch gas line through the levee, 4.0 feet below the crown. Concrete cutoff wall around pipe, near center of levee (8x56x56-inch). Gas main cut off 110-feet landward of waterward toe. Permit covers replacement of portion of pre-existing gas main and cutoff wall (Permit No. 3684-1961).
 FS Date: 03/15/2013

LM Start	0.00	Rating **	M	Issue No.	10 (cont)
LM End	0.00	Issue Type +	En	Location *	WS

Photo 1 of 3 : UCIP_FA_2015_5165.jpg



PG&E Gas service hole located on levee crown.

Photo 2 of 3 : UCIP_FA_2015_5166.jpg



Pipeliem marker with contact information located on waterward shoulder.

* Location	** Rating	+ Issue Type
LS : Land Side WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
N/A : Not Applicable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Marysville Levee Commission

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Feather River	Left	1.25	11/04/2015 11/04/2015	Jai Lor

LM Start	0.00	Rating **	M	Issue No.	10 (cont)
LM End	0.00	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.149548 °	39.149548 °
				-121.601110 °	-121.601110 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:40936					
DS_ID:19117					
EP_NO: 3684					
FS_HLM: 0.0103					
Repair Type: Non-Urgent					
Crossing Status: Indicator Found					

Photo 3 of 3 : UCIP_FA_2015_5167.jpg



View of landward side.

LM Start	0.01	Rating **	A	Issue No.	7
LM End	1.23	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.149387 °	39.134755 °
				-121.601125 °	-121.594040 °
DWR ID	DWR_NA0004_02_f_2015_7				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements. Inspector Comments: Levee slope has been maintained.					

No Photos

LM Start	0.01	Rating **	A	Issue No.	5
LM End	1.23	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.149387 °	39.134750 °
				-121.601125 °	-121.594045 °
DWR ID	DWR_NA0004_02_f_2015_5				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements. Inspector Comments: Levee slope has been burned and dragged.					

Photo 1 of 1 : FA_2015_NA0004_105_5_20151112_00002.jpg



View of the vegetation on the waterward side of the levee looking downstream. Fall 2015.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
--	--	---	--	---	--

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Marysville Levee Commission

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Feather River	Left	1.25	11/04/2015 11/04/2015	Jai Lor

LM Start	0.31	Rating **	A/W	Issue No.	6
LM End	0.31	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			39.144990 °	39.144990 °
				-121.600576 °	-121.600576 °
DWR ID	DWR_NA0004_02_s _ 2015_6				
Action/Comments					
Note and monitor erosion site.					

No Photos

LM Start	0.70	Rating **	C	Issue No.	9
LM End	0.70	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.139752 °	39.139752 °
				-121.600637 °	-121.600637 °
DWR ID	DWR_NA0004_02_f _ 2013_9				
Action/Comments					
Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comments: Blackberries on waterward levee slope.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	--	---

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Marysville Levee Commission

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Feather River	Left	1.25	11/04/2015 11/04/2015	Jai Lor

LM Start	0.75	Rating **	U	Issue No.	11
LM End	0.75	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.139190 °	39.139190 °
				-121.600745 °	-121.600745 °
DWR ID					

No Photos

Action/Comments					
Inspector Comments: FS_ID:42044 DS_ID:19150 EP_NO: 3823 FS_HLM: 0.66 Repair Type: Urgent Crossing Status: Not Found UCIP Comments: Need to contact owner to determine status of crossing. Need date of last inspection and confirmation that crossing is still in operable condition. Frank Miller Superintendent Marysville Levee Commission: To whom it may concern, Marysville Levee Commission in process of drafting a letter to South Pacific Pipelines Inc. Inquiring line status whether active or non-active as well as coordinates. FIELD_STRUCT_DESC: 8 5/8-inch steel gas line sleeved through 12 inch, then 30 inch line, annular gaps grouted, 3 feet below crown. Two standard metal cutoff walls around pipe. Extends beyond levee on both waterward and landward sides. (Permit No. 3823-1962). FS Date: 03/15/2013					

LM Start	0.87	Rating **	M	Issue No.	12
LM End	0.87	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.138269 °	39.138269 °
				-121.599004 °	-121.599004 °
DWR ID					

Action/Comments					
Inspector Comments: FS_ID:40940 DS_ID:19123 EP_NO: N/A FS_HLM: 0.891 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Unable to tell if crossing goes through levee; according to Frank Miller crossing does not cross levee. Need to contact owner to confirm alignment. FIELD_STRUCT_DESC: Fiber optics communication line through levee. Marker on waterward shoulder. FS Date: 03/15/2013					

Photo 1 of 3 : UCIP_FA_2015_4381.jpg



View of landward side with bldg that could be associated with cable line.

* Location	** Rating	+ Issue Type
LS : Land Side WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
N/A : Not Applicable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Marysville Levee Commission

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Feather River	Left	1.25	11/04/2015 11/04/2015	Jai Lor

LM Start	0.87	Rating **	M	Issue No.	12 (cont)
LM End	0.87	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.138269 °	39.138269 °
				-121.599004 °	-121.599004 °
DWR ID					

Action/Comments

Inspector Comments: FS_ID:40940
 DS_ID:19123
 EP_NO: N/A
 FS_HLM: 0.891
 Repair Type: Non-Urgent
 Crossing Status: Indicator Found
 UCIP Comments: Unable to tell if crossing goes through levee; according to Frank Miller crossing does not cross levee. Need to contact owner to confirm alignment.
 FIELD_STRUCT_DESC: Fiber optics communication line through levee. Marker on waterward shoulder.
 FS Date: 03/15/2013

LM Start	0.87	Rating **	M	Issue No.	12 (cont)
LM End	0.87	Issue Type +	En	Location *	WS

Photo 2 of 3 : UCIP_FA_2015_4382.jpg



Buried fiber optical cable marker with contact information located on landward shoulder.

Photo 3 of 3 : UCIP_FA_2015_4383.jpg



View of waterward slope.

* Location	** Rating	+ Issue Type
LS : Land Side WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
N/A : Not Applicable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Marysville Levee Commission

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Feather River	Left	1.25	11/04/2015 11/04/2015	Jai Lor

LM Start	0.91	Rating **	M	Issue No.	13
LM End	0.91	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.137749 °	39.137749 °
				-121.598560 °	-121.598560 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:38272					
DS_ID:19104					
EP_NO: N/A					
FS_HLM: 0.934					
Repair Type: Non-Urgent					
Crossing Status: Indicator Found					

LM Start	0.91	Rating **	M	Issue No.	13 (cont)
LM End	0.91	Issue Type +	En	Location *	WS

Photo 1 of 3 : UCIP_FA_2015_4384.jpg



View of markers located on waterward toe.

Photo 2 of 3 : UCIP_FA_2015_4385.jpg



View of markers located on waterward toe.

Photo 3 of 3 : UCIP_FA_2015_6461.jpg



Close up of markers located at toe of waterward side.

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Marysville Levee Commission

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Feather River	Left	1.25	11/04/2015 11/04/2015	Jai Lor

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Fall 2015 Levee Inspection Results

Marysville Levee Commission

Waterway			Bank	Unit Miles
Unit No. 03 Yuba River			Right	6.79
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			U	
Date of Inspection	05/12/2015 - 05/12/2015		11/04/2015 - 11/04/2015	
DWR Inspector	Michael Pitta		Jai Lor	
Accompanied By	Frank Miller Marysville Levee District		Frank Miller Marysville Levee District	

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Marysville Levee Commission

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Yuba River	Right	6.79	11/04/2015 11/04/2015	Jai Lor

LM Start	0.01	Rating **	A	Issue No.	25
LM End	0.27	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.134850 °	39.135147 °
				-121.593650 °	-121.588987 °
DWR ID	DWR_NA0004_03_f _ 2015_25				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements. Inspector Comments: LMA has burned and dragged the levee.					

Photo 1 of 1 : FA_2015_NA0004_106_25_20151112_00007.jpg



View of the vegetation on the waterward side of the levee looking upstream. Fall 2015.

LM Start	0.01	Rating **	A	Issue No.	26
LM End	0.27	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.134850 °	39.135147 °
				-121.593650 °	-121.588987 °
DWR ID	DWR_NA0004_03_f_2015_26				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	--	---

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Marysville Levee Commission

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Yuba River	Right	6.79	11/04/2015 11/04/2015	Jai Lor

LM Start	0.04	Rating **	M	Issue No.	35
LM End	0.04	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.135010 °	39.135010 °
				-121.593225 °	-121.593225 °
DWR ID					

Action/Comments

Inspector Comments: FS_ID:41024
 DS_ID:25055
 EP_NO: N/A
 FS_HLM: 0.04
 Repair Type: Non-Urgent
 Crossing Status: Found
 UCIP Comments: Appears that crossing is currently not in use. If crossing is to be abandoned, owner will need to contact CVFPB to coordinate about proper removal.
 FIELD_STRUCT_DESC: 10-inch sewer line visible on landward side. According to Marysville Treatment Plant Manager this crossing was installed in 1995-1996. Coordinates for box located on landward side: 39.135185, -121.593254. Note coordinates used for levee crossing are projected coordinates.
 FS Date: 03/14/2013

LM Start	0.04	Rating **	M	Issue No.	35 (cont)
LM End	0.04	Issue Type +	En	Location *	LS

Photo 1 of 2 : UCIP_FA_2015_6345.jpg



View of concrete box located on landward side--crossing not in use according to Marysville Sewage Treatment Plant Manager.

Photo 2 of 2 : UCIP_FA_2015_6346.jpg



Inside view of concrete box.

* Location	** Rating	+ Issue Type
LS : Land Side WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
N/A : Not Applicable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Marysville Levee Commission

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Yuba River	Right	6.79	11/04/2015 11/04/2015	Jai Lor

LM Start	0.07	Rating **	M	Issue No.	36
LM End	0.07	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.135090 °	39.135090 °
				-121.592663 °	-121.592663 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:41025 DS_ID:19126 EP_NO: N/A FS_HLM: 0.07 Repair Type: Non-Urgent Crossing Status: Found					

Photo 1 of 3 : UCIP_FA_2015_6462.jpg



View of levee slope on waterward.

LM Start	0.07	Rating **	M	Issue No.	36 (cont)
LM End	0.07	Issue Type +	En	Location *	LS

Photo 2 of 3 : UCIP_FA_2015_6463.jpg



Standpipe where old line is still located.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	--	---

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Marysville Levee Commission

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Yuba River	Right	6.79	11/04/2015 11/04/2015	Jai Lor

LM Start	0.07	Rating **	M	Issue No.	36 (cont)
LM End	0.07	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.135090 °	39.135090 °
				-121.592663 °	-121.592663 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:41025 DS_ID:19126 EP_NO: N/A FS_HLM: 0.07 Repair Type: Non-Urgent Crossing Status: Found					

Photo 3 of 3 : UCIP_FA_2015_6464.jpg



Abandoned line sealed with metal plate.

LM Start	0.08	Rating **	U	Issue No.	37
LM End	0.08	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.135105 °	39.135105 °
				-121.592496 °	-121.592496 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:42045 DS_ID:19152 EP_NO: 15321 FS_HLM: 0.08 Repair Type: Urgent Crossing Status: Not Found UCIP Comments: Need to contact owner to determine status of crossing. Need date of last inspection and confirmation that crossing is still in operable condition.Frank Miller Superintendent Marysville Levee Commission.To whom it may concern, Marysville Levee Commission in process of drafting letter to PG&E. Concerning line status, wether active or non-active as well as coordinates. FIELD_STRUCT_DESC: 1.25-inch steel gas pipe through levee, 30-inches below the crown. Extends into overflow area from levee toe. Application No. 15321 withdrawn by applicant. FS Date: 03/14/2013					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
---	--	--	--	--	--

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Marysville Levee Commission

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Yuba River	Right	6.79	11/04/2015 11/04/2015	Jai Lor

LM Start	0.19	Rating **	M	Issue No.	38
LM End	0.19	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.135157 °	39.135157 °
				-121.590352 °	-121.590352 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:41008 DS_ID:19129 EP_NO: N/A FS_HLM: 0.2 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Does not appear to go through levee. Will need to contact owner to determine alignment and condition of crossing. If crossing goes through levee owner should provide date of last inspection and confirmation that crossing is still in operable condition. Need photos of area--no photos available. FIELD_STRUCT_DESC: Partially abandoned 8-inch pipe through levee, filled and pressure grouted. Approx. 390-feet from crown landward was removed from levee, approx. 285-feet waterward was abandoned. Replaced with 10-inch gas line under pedestrian walkway, 5-feet parallel to landward toe under Permit No. 3176 (1960). FS Date: 03/19/2013					

No Photos

LM Start	0.26	Rating **	M	Issue No.	39
LM End	0.26	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.135128 °	39.135128 °
				-121.589100 °	-121.589100 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:40944					
DS_ID:19130					
EP_NO: 2550					
FS_HLM: 0.27					
Repair Type: Non-Urgent					
Crossing Status: Indicator Found					
UCIP Comments: Pacbell manhole on LS slope unable to determine if this manhole is part of submarine cable crossing. Will need to contact the City of Marysville.					
FIELD_STRUCT_DESC: Submarine cable crossings, two underground telephone cables through levee, 4.6 feet, below crown. Concrete cutoff wall around cables underneath crown. (Permit No. 2550-1957).					
FS Date: 03/19/2013					

No Photos

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Marysville Levee Commission

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Yuba River	Right	6.79	11/04/2015 11/04/2015	Jai Lor

LM Start	0.27	Rating **	M	Issue No.	30
LM End	0.59	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.135147 °	39.136647 °
				-121.588987 °	-121.583490 °
DWR ID	DWR_NA0004_03_f_2015_30				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements.					

No Photos

LM Start	0.27	Rating **	M	Issue No.	29
LM End	2.15	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.135147 °	39.154462 °
				-121.588987 °	-121.569858 °
DWR ID	DWR_NA0004_03_f_2015_29				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements.					

No Photos

LM Start	0.31	Rating **	M	Issue No.	27
LM End	0.31	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.135160 °	39.135160 °
				-121.588221 °	-121.588221 °
DWR ID	DWR_NA0004_03_s_2015_27				
Action/Comments					
Stairway					
Inspector Comments: Permit No. 3546					

Photo 1 of 1 : FA_2015_NA0004_106_27_20151112_00008.jpg



View of the set of stairs on the landward side of the levee looking downstream. Fall 2015.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
--	--	---	--	---	--

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Marysville Levee Commission

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Yuba River	Right	6.79	11/04/2015 11/04/2015	Jai Lor

LM Start	0.39	Rating **	U	Issue No.	40
LM End	0.39	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.135314 °	39.135314 °
				-121.586613 °	-121.586613 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:42046 DS_ID:19131 EP_NO: 3823 FS_HLM: 0.41 Repair Type: Urgent Crossing Status: Not Found UCIP Comments: Need to contact owner to determine status of crossing. Need date of last inspection and confirmation that crossing is still in operable condition.Frank Miller Superintendent Marysville Levee Commission.Marysville Levee Commission in process of drafting letter to South Pacific Pipe Lines Inc.concerning line status, whether active or non-active as well as cordinates. FIELD_STRUCT_DESC: 8-5/8-inch steel gas line sleeved through 12 inch, then 30 inch line, annular gaps grouted, 3 feet below crown. Standard metal cutoff wall around pipe in line with shoulder. Extends beyond levee on both waterward and landward sides. (Permit No. 3823-1962). FS Date: 03/19/2013					

No Photos

LM Start	0.44	Rating **	U	Issue No.	41
LM End	0.44	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.135577 °	39.135577 °
				-121.586023 °	-121.586023 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:42055 DS_ID:19132 EP_NO: 2663 FS_HLM: 0.452 Repair Type: Urgent Crossing Status: Not Found UCIP Comments: Need to contact owner to determine status of crossing. Need date of last inspection and confirmation that crossing is still in operable condition.Frank Miller Superintendent Marysville Levee Commission.To whom it may concern,Marysville Levee Commission in process of drafting a letter to PG&E. concerning line status wether active or non-active as well as coordinates FIELD_STRUCT_DESC: 3/4-inch steel gas line through levee, 5 feet below crown. Concrete markers on both shoulders. Encased in 6 inches of concrete, steel cutoff wall near center of levee. (Permit No. 2663-1958). FS Date: 03/15/2013					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
--	--	---	--	---	--

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Marysville Levee Commission

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Yuba River	Right	6.79	11/04/2015 11/04/2015	Jai Lor

LM Start	0.47	Rating **	M	Issue No.	42
LM End	0.47	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.135932 °	39.135932 °
				-121.585529 °	-121.585529 °
DWR ID					

Action/Comments					
Inspector Comments: FS_ID:40969 DS_ID:19133 EP_NO: 1983 FS_HLM: 0.49 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Need to contact owner. Unable to determine if crossing is still in use. FIELD_STRUCT_DESC: 3/4-inch water line through the levee. Water meter at landward toe. Extends from nearby buildings, bunkers, suction dredge on waterward side. (Permit No. 1983-1959). FS Date: 03/15/2013					

LM Start	0.47	Rating **	M	Issue No.	42 (cont)
LM End	0.47	Issue Type +	En	Location *	LS

Photo 1 of 2 : UCIP_FA_2015_6347.jpg



View of waterward slope--unable to confirm if crossing is active--line buried.

Photo 2 of 2 : UCIP_FA_2015_6391.jpg



Underground service alert (USA) blue paint indicators of water line present on landward side.

* Location	** Rating	+ Issue Type
LS : Land Side WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
N/A : Not Applicable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Marysville Levee Commission

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Yuba River	Right	6.79	11/04/2015 11/04/2015	Jai Lor

LM Start	0.48	Rating **	U	Issue No.	43
LM End	0.48	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.135976 °	39.135976 °
				-121.585434 °	-121.585434 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:42048					
DS_ID:19134					
EP_NO: N/A					
FS_HLM: 0.496					
Repair Type: Urgent					
Crossing Status: Indicator Found					

Photo 1 of 3 : UCIP_FA_2015_6392.jpg



View of waterward side.

LM Start	0.48	Rating **	U	Issue No.	43 (cont)
LM End	0.48	Issue Type +	En	Location *	LS

Photo 2 of 3 : UCIP_FA_2015_6393.jpg



PG&E gas line

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	--	---

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Marysville Levee Commission

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Yuba River	Right	6.79	11/04/2015 11/04/2015	Jai Lor

LM Start	0.48	Rating **	U	Issue No.	43 (cont)
LM End	0.48	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.135976 °	39.135976 °
				-121.585434 °	-121.585434 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:42048					
DS_ID:19134					
EP_NO: N/A					
FS_HLM: 0.496					
Repair Type: Urgent					
Crossing Status: Indicator Found					

Photo 3 of 3 : UCIP_FA_2015_6394.jpg



View of landward side.

LM Start	0.55	Rating **	U	Issue No.	44
LM End	0.55	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.136348 °	39.136348 °
				-121.584171 °	-121.584171 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:42049 DS_ID:25058 EP_NO: N/A FS_HLM: 0.572 Repair Type: Urgent Crossing Status: Indicator Found UCIP Comments: Unable to confirm if marker is for new line or if marker is for crossing immediately upstream of this marker.Frank Miller Superintendent Marysville Levee Commission.To whom it may concern, Marysville Levee Commission is in process of drafting a letter to determine line owner as well as line status, wether active or non-active as well as coordinates. FIELD_STRUCT_DESC: Underground service alert (USA) flags visible on landward side. Points recorded for this line include 39.1363869999, -121.584067444; 39.136348328, -121.584171185 FS Date: 03/14/2013					

Photo 1 of 2 : UCIP_FA_2015_5993.jpg



View of levee crown.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
---	--	--	--	--	--

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Marysville Levee Commission

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Yuba River	Right	6.79	11/04/2015 11/04/2015	Jai Lor

LM Start	0.55	Rating **	U	Issue No.	44 (cont)
LM End	0.55	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.136348 °	39.136348 °
				-121.584171 °	-121.584171 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:42049 DS_ID:25058 EP_NO: N/A FS_HLM: 0.572 Repair Type: Urgent Crossing Status: Indicator Found UCIP Comments: Unable to confirm if marker is for new line or if marker is for crossing immediately upstream of this marker.Frank Miller Superintendent Marysville Levee Commission.To whom it may concern, Marysville Levee Commission is in process of drafting a letter to determine line owner as well as line status, wether active or non-active as well as coordinates. FIELD_STRUCT_DESC: Underground service alert (USA) flags visible on landward side. Points recorded for this line include 39.1363869999, -121.584067444; 39.136348328, -121.584171185 FS Date: 03/14/2013					

Photo 2 of 2 : UCIP_FA_2015_5994.jpg



View of landward side--underground alert service (USA) flags visible on landward shoulder.

LM Start	0.56	Rating **	U	Issue No.	45
LM End	0.56	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.136412 °	39.136412 °
				-121.584057 °	-121.584057 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:42050 DS_ID:25057 EP_NO: N/A FS_HLM: 0.58 Repair Type: Urgent Crossing Status: Indicator Found UCIP Comments: Unable to confirm if marker is for new line or if marker is for crossing immediately upstream of this marker. No photos were taken.Frank Miller Superintendent Marysville Levee Commission.To whom it may concern, Marysville Levee Commisiion is in process of drafting a letter to determine line owner as well as to determine line active or non-active as well as coordinates. FIELD_STRUCT_DESC: Marker visible on landward side. FS Date: 03/14/2013					

No Photos

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Marysville Levee Commission

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Yuba River	Right	6.79	11/04/2015 11/04/2015	Jai Lor

LM Start	0.57	Rating **	U	Issue No.	46
LM End	0.57	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.136476 °	39.136476 °
				-121.583803 °	-121.583803 °
DWR ID					

Action/Comments

Inspector Comments: FS_ID:42051

DS_ID:19135

EP_NO: 3823

FS_HLM: 0.595

Repair Type: Urgent

Crossing Status: Indicator Found

UCIP Comments: Need to contact owner to determine status of crossing. Need date of last inspection and confirmation that crossing is still in operable condition. Multiple indicators of gas lines unable to confirm if this crossing is the line referenced in desk study--Need to contact owner.Frank Miller Superintendent Marysville Levee Commission.To whom it may concern, Marysville Levee Commission is in process of drafting a letter to South Pacific Pipe Lines Inc. to determine line status, wether active non-active, as well as cordinates. FIELD_STRUCT_DESC: 8-5/8-inch steel gas line sleeved through 12 inch, then 30 inch line, annular gaps grouted, 3 feet below crown. Standard metal cutoff wall around pipe in line with shoulder. Extends beyond levee on both waterward and landward sides. (Permit No. 3823-1962).

FS Date: 03/14/2013

Photo 1 of 3 : UCIP_FA_2015_6395.jpg



Marker visible on landward side.

* Location	** Rating	+ Issue Type
LS : Land Side WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
N/A : Not Applicable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Marysville Levee Commission

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Yuba River	Right	6.79	11/04/2015 11/04/2015	Jai Lor

LM Start	0.57	Rating **	U	Issue No.	46 (cont)
LM End	0.57	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.136476 °	39.136476 °
				-121.583803 °	-121.583803 °
DWR ID					

Action/Comments

Inspector Comments: FS_ID:42051

DS_ID:19135

EP_NO: 3823

FS_HLM: 0.595

Repair Type: Urgent

Crossing Status: Indicator Found

UCIP Comments: Need to contact owner to determine status of crossing. Need date of last inspection and confirmation that crossing is still in operable condition. Multiple indicators of gas lines unable to confirm if this crossing is the line referenced in desk study--Need to contact owner. Frank Miller Superintendent Marysville Levee Commission. To whom it may concern, Marysville Levee Commission is in process of drafting a letter to South Pacific Pipe Lines Inc. to determine line status, whether active non-active, as well as coordinates. FIELD_STRUCT_DESC: 8-5/8-inch steel gas line sleeved through 12 inch, then 30 inch line, annular gaps grouted, 3 feet below crown. Standard metal cutoff wall around pipe in line with shoulder. Extends beyond levee on both waterward and landward sides. (Permit No. 3823-1962).

FS Date: 03/14/2013

Photo 2 of 3 : UCIP_FA_2015_6396.jpg



View of upstream levee.

* Location	** Rating	+ Issue Type
LS : Land Side WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
N/A : Not Applicable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Marysville Levee Commission

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Yuba River	Right	6.79	11/04/2015 11/04/2015	Jai Lor

LM Start	0.57	Rating **	U	Issue No.	46 (cont)	
LM End	0.57	Issue Type +	En	Location *	LS	
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			39.136476 °	39.136476 °	
				-121.583803 °	-121.583803 °	
DWR ID						
Action/Comments						
Inspector Comments: FS_ID:42051 DS_ID:19135 EP_NO: 3823 FS_HLM: 0.595 Repair Type: Urgent Crossing Status: Indicator Found UCIP Comments: Need to contact owner to determine status of crossing. Need date of last inspection and confirmation that crossing is still in operable condition. Multiple indicators of gas lines unable to confirm if this crossing is the line referenced in desk study--Need to contact owner.Frank Miller Superintendent Marysville Levee Commission.To whom it may concern, Marysville Levee Commission is in process of drafting a letter to South Pacific Pipe Lines Inc. to determine line status, wether active non-active, as well as cordinates. FIELD_STRUCT_DESC: 8-5/8-inch steel gas line sleeved through 12 inch, then 30 inch line, annular gaps grouted, 3 feet below crown. Standard metal cutoff wall around pipe in line with shoulder. Extends beyond levee on both waterward and landward sides. (Permit No. 3823-1962). FS Date: 03/14/2013						

Photo 3 of 3 : UCIP_FA_2015_6397.jpg



View of waterward side--marker visible inside channel.

LM Start	0.58	Rating **	M	Issue No.	47
LM End	0.58	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.136556 °	39.136556 °
				-121.583626 °	-121.583626 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:40975 DS_ID:25059 EP_NO: N/A FS_HLM: 0.606 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Need to coordinate with owner to determine status of crossing, details of crossing (install date and pipe size) and CVFPB permit number issued. FIELD_STRUCT_DESC: Communication line marker found near levee crown. FS Date: 03/14/2013					

Photo 1 of 3 : UCIP_FA_2015_6398.jpg



Fiber Optic Cable marker visible on landward side.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
---	--	--	--	--	--

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Marysville Levee Commission

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Yuba River	Right	6.79	11/04/2015 11/04/2015	Jai Lor

LM Start	0.58	Rating **	M	Issue No.	47 (cont)
LM End	0.58	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.136556 °	39.136556 °
				-121.583626 °	-121.583626 °
DWR ID					

Action/Comments

Inspector Comments: FS_ID:40975
 DS_ID:25059
 EP_NO: N/A
 FS_HLM: 0.606
 Repair Type: Non-Urgent
 Crossing Status: Indicator Found
 UCIP Comments: Need to coordinate with owner to determine status of crossing, details of crossing (install date and pipe size) and CVFPB permit number issued.
 FIELD_STRUCT_DESC: Communication line marker found near levee crown.
 FS Date: 03/14/2013

LM Start	0.58	Rating **	M	Issue No.	47 (cont)
LM End	0.58	Issue Type +	En	Location *	LS

Photo 2 of 3 : UCIP_FA_2015_6399.jpg



View of landward side.

Photo 3 of 3 : UCIP_FA_2015_6400.jpg



View of landward side.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	--	---

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Marysville Levee Commission

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Yuba River	Right	6.79	11/04/2015 11/04/2015	Jai Lor

LM Start	0.83	Rating **	M	Issue No.	4
LM End	0.83	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.139843 °	39.139843 °
				-121.583033 °	-121.583033 °
DWR ID	DWR_NA0004_03_s_2012_4				
Action/Comments					
Building					
Inspector Comments: This building is at least 30 years old and is part of the PG&E site.					

Photo 1 of 1 : FA_2015_NA0004_106_4_20151030_00002.jpg



Building encroaching at landside levee toe.

LM Start	1.13	Rating **	U	Issue No.	48
LM End	1.13	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.144021 °	39.144021 °
				-121.583201 °	-121.583201 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:42052 DS_ID:19139 EP_NO: 10787 FS_HLM: 1.17 Repair Type: Urgent Crossing Status: Not Found UCIP Comments: Need to contact owner to determine status of crossing. Need date of last inspection and confirmation that crossing is still in operable condition.Frank Miller Superintendent Marysville Levee Commission.To whom it may concern, Marysvile Levee Commission is in process of drafting letter to PG&E. to determine line status wether active or non-active as well as coordinates FIELD_STRUCT_DESC: 2-inch steel gas line with concrete cutoff wall, through the levee, 7 feet below crown. Extends parallel to levee 10-feet waterward of levee toe. (Permit No. 10787-1976). FS Date: 03/14/2013					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	--	---

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Marysville Levee Commission

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Yuba River	Right	6.79	11/04/2015 11/04/2015	Jai Lor

LM Start	1.53	Rating **	M	Issue No.	31
LM End	1.53	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.148278 °	39.148278 °
				-121.578198 °	-121.578198 °
DWR ID	DWR_NA0004_03_f _ 2015_31				
Action/Comments					
Prunings					

Photo 1 of 1 : FA_2015_NA0004_106_31_20151112_00009.jpg



View of the pile of prunings on the waterward side of the levee looking upstream. Fall 2015.

LM Start	1.58	Rating **	U	Issue No.	49
LM End	1.58	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.148862 °	39.148862 °
				-121.577456 °	-121.577456 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:42053 DS_ID:19141 EP_NO: N/A FS_HLM: 1.63 Repair Type: Urgent Crossing Status: Not Found UCIP Comments: Need to contact owner to determine status of crossing. Need date of last inspection and confirmation that crossing is still in operable condition.Frank Miller Superintendent Marysville Levee Commission.To whom it may concern, Marysville Levee Commission is in process of drafting a letter to determine line owner as well as line status whether active or non-active as well as coordinates FIELD_STRUCT_DESC: 3/4-inch gas line through the levee, 2 feet below crown. Cutoff wall around pipe installed under Permit No. 3683 (1961). Service line extends to overflow area and along waterward levee toe approx. 125-feet. FS Date: 03/14/2013					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Marysville Levee Commission

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Yuba River	Right	6.79	11/04/2015 11/04/2015	Jai Lor

LM Start	1.60	Rating **	M	Issue No.	50
LM End	1.60	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.149063 °	39.149063 °
				-121.577190 °	-121.577190 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:45363 DS_ID:19142 EP_NO: 7066 FS_HLM: 1.65 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Unable to take coordinates due to limited access to waterward side, used desk study coordinates. FIELD_STRUCT_DESC: 14-inch pipe through levee, 6 feet below levee crown. Discharges into Ellis Lake. Slant pump mounted on Metal Pump Stand located approximately 150 feet from waterward toe. (Permit No. 7066B, 7066A, 7066). FS Date: 03/14/2013					

Photo 1 of 1 : UCIP_FA_2015_0306.jpg



As-built dwg provided by Marysville Water Waste Treatment Plant.

LM Start	1.65	Rating **	U	Issue No.	51
LM End	1.65	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.149574 °	39.149574 °
				-121.576537 °	-121.576537 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:42054 DS_ID:19143 EP_NO: N/A FS_HLM: 1.7 Repair Type: Urgent Crossing Status: Not Found UCIP Comments: Need to contact owner to determine status of crossing. Need date of last inspection and confirmation that crossing is still in operable condition.Frank Miller Superintendent Marysville Levee Commission.To whom it may concern, Marysville Levee Commission is in the process of drafting letter to determine owner as well as line status whether active or non-active as well as cordinates. FIELD_STRUCT_DESC: 3/4-inch gas line through levee, 3.0 feet below crown. Concrete marker on landward shoulder. Cutoff wall around pipe installed under Permit No. 3683 (1961). Portion of service line in overflow area was abandoned (cut and capped) and 60 feet of 1/2 inch diameter plastic gasline was installed on waterward side under Permit No. 11538 (1976). FS Date: 03/14/2013					

No Photos

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Marysville Levee Commission

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Yuba River	Right	6.79	11/04/2015 11/04/2015	Jai Lor

LM Start	2.15	Rating **	M	Issue No.	32
LM End	3.31	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.154462 °	39.167685 °
				-121.569858 °	-121.556858 °
DWR ID	DWR_NA0004_03_f_2015_32				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements.					

No Photos

LM Start	2.18	Rating **	M	Issue No.	52
LM End	2.18	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.154735 °	39.154735 °
				-121.569419 °	-121.569419 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:40999 DS_ID:19145 EP_NO: 2149 FS_HLM: 2.225 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Depression observed on waterward toe filled with concrete rubble and riprap. Need to coordinate with City to determine records and extent of modifications if any. FIELD_STRUCT_DESC: 1 of 4: 17th & Howell Pump Station. 24-inch steel drain pipe (instead of 30 inch as specified in permit), buried 15-feet below the crown. Runs parallel to other drainpipes, encased in concrete approx. 1-foot spacing. Pipe extends from storm water pump house to manhole (259 feet) north of landward toe. Flap gates and vent pipes at waterward toe. Discharges into concrete distribution box (3x4 foot). (Permit No. 2149-1956). FS Date: 03/14/2013					

Photo 1 of 3 : UCIP_FA_2015_6501.jpg



Concrete box and vent pipes located on waterward side.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	--	---

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Marysville Levee Commission

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Yuba River	Right	6.79	11/04/2015 11/04/2015	Jai Lor

LM Start	2.18	Rating **	M	Issue No.	52 (cont)	
LM End	2.18	Issue Type +	En	Location *	WS	
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			39.154735 °	39.154735 °	
				-121.569419 °	-121.569419 °	
DWR ID						
Action/Comments						
Inspector Comments: FS_ID:40999						
DS_ID:19145						
EP_NO: 2149						
FS_HLM: 2.225						
Repair Type: Non-Urgent						
Crossing Status: Indicator Found						
UCIP Comments: Depression observed on waterward toe filled with concrete rubble and riprap. Need to coordinate with City to determine records and extent of modifications if any.						
FIELD_STRUCT_DESC: 1 of 4: 17th & Howell Pump Station. 24-inch steel drain pipe (instead of 30 inch as specified in permit), buried 15-feet below the crown. Runs parallel to other drainpipes, encased in concrete approx. 1-foot spacing. Pipe extends from storm water pump house to manhole (259 feet) north of landward toe. Flap gates and vent pipes at waterward toe. Discharges into concrete distribution box (3x4 foot). (Permit No. 2149-1956).						
FS Date: 03/14/2013						

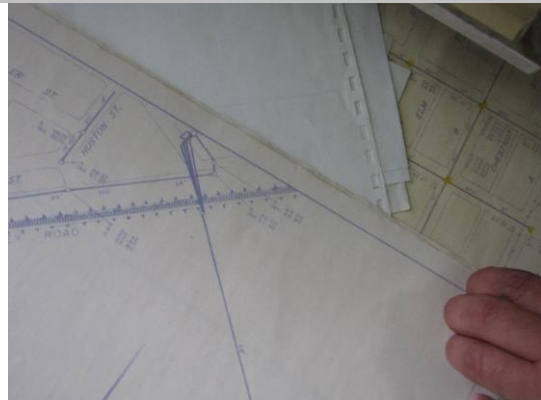
LM Start	2.18	Rating **	M	Issue No.	52 (cont)
LM End	2.18	Issue Type +	En	Location *	WS

Photo 2 of 3 : UCIP_FA_2015_6502.jpg



View of waterward side--concrete box and vent pipes located on waterward slope.

Photo 3 of 3 : UCIP_FA_2015_6503.jpg



As-built provided by Marysville Water Treatment Facility.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
--	--	---	--	---	--

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Marysville Levee Commission

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Yuba River	Right	6.79	11/04/2015 11/04/2015	Jai Lor

LM Start	2.18	Rating **	M	Issue No.	53
LM End	2.18	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.154741 °	39.154741 °
				-121.569413 °	-121.569413 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:40998					
DS_ID:19160					
EP_NO: 2149					
FS_HLM: 2.226					
Repair Type: Non-Urgent					
Crossing Status: Indicator Found					

Photo 1 of 3 : UCIP_FA_2015_6576.jpg



Concrete box located on waterward slope.

LM Start	2.18	Rating **	M	Issue No.	53 (cont)
LM End	2.18	Issue Type +	En	Location *	WS

Photo 2 of 3 : UCIP_FA_2015_6577.jpg



Concrete box and vent pipes located on waterward slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
--	--	---	--	---	--

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Marysville Levee Commission

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Yuba River	Right	6.79	11/04/2015 11/04/2015	Jai Lor

LM Start	2.18	Rating **	M	Issue No.	53 (cont)
LM End	2.18	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.154741 °	39.154741 °
				-121.569413 °	-121.569413 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:40998					
DS_ID:19160					
EP_NO: 2149					
FS_HLM: 2.226					
Repair Type: Non-Urgent					
Crossing Status: Indicator Found					

Photo 3 of 3 : UCIP_FA_2015_6578.jpg



As-builts provided by Marysville Water Treatment.

LM Start	2.18	Rating **	M	Issue No.	54
LM End	2.18	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.154746 °	39.154746 °
				-121.569406 °	-121.569406 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:41000 DS_ID:19162 EP_NO: 2149 FS_HLM: 2.227 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Depression observed on waterward toe filled with concrete rubble and riprap. Need to coordinate with City to determine records and extent of modifications if any. FIELD_STRUCT_DESC: 3 of 4: 17th & Howell Pump Station. 24-inch steel drain pipe (instead of 30 inch as specified in permit), buried 15-feet below the crown. Runs parallel to other drainpipes, encased in concrete approx. 1-foot spacing. Pipe extends from storm water pump house to manhole (259 feet) north of landward toe. Flap gates and vent pipes at waterward toe. Discharges into concrete distribution box (3x4 foot). (Permit No. 2149-1956). FS Date: 03/14/2013					

Photo 1 of 3 : UCIP_FA_2015_6579.jpg



Concrete stand pipe located on waterward shoulder.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
--	--	---	--	---	--

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Marysville Levee Commission

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Yuba River	Right	6.79	11/04/2015 11/04/2015	Jai Lor

LM Start	2.18	Rating **	M	Issue No.	54 (cont)	
LM End	2.18	Issue Type +	En	Location *	WS	
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			39.154746 °	39.154746 °	
				-121.569406 °	-121.569406 °	
DWR ID						
Action/Comments						
Inspector Comments: FS_ID:41000 DS_ID:19162 EP_NO: 2149 FS_HLM: 2.227 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Depression observed on waterward toe filled with concrete rubble and riprap. Need to coordinate with City to determine records and extent of modifications if any. FIELD_STRUCT_DESC: 3 of 4: 17th & Howell Pump Station. 24-inch steel drain pipe (instead of 30 inch as specified in permit), buried 15-feet below the crown. Runs parallel to other drainpipes, encased in concrete approx. 1-foot spacing. Pipe extends from storm water pump house to manhole (259 feet) north of landward toe. Flap gates and vent pipes at waterward toe. Discharges into concrete distribution box (3x4 foot). (Permit No. 2149-1956). FS Date: 03/14/2013						

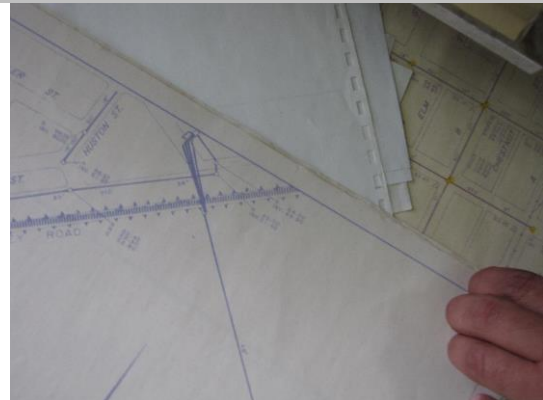
LM Start	2.18	Rating **	M	Issue No.	54 (cont)
LM End	2.18	Issue Type +	En	Location *	WS

Photo 2 of 3 : UCIP_FA_2015_6580.jpg



View of waterward side.

Photo 3 of 3 : UCIP_FA_2015_6581.jpg



As-built dwg of crossing provided by Marysville Water Treatment.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
--	--	---	--	---	--

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Marysville Levee Commission

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Yuba River	Right	6.79	11/04/2015 11/04/2015	Jai Lor

LM Start	2.18	Rating **	M	Issue No.	55
LM End	2.18	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.154752 °	39.154752
				-121.569395 °	-121.569395
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:41001					
DS_ID:19161					
EP_NO: 2149					
FS_HLM: 2.228					
Repair Type: Non-Urgent					
Crossing Status: Indicator Found					

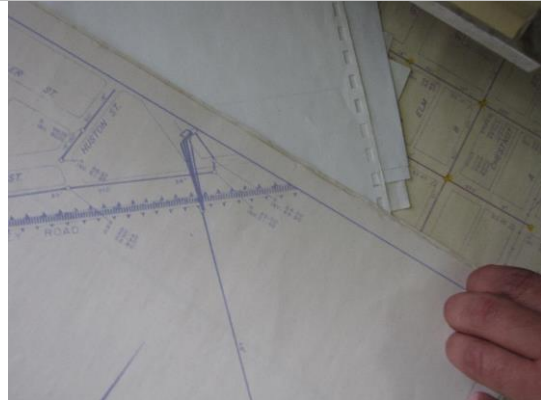
Photo 1 of 3 : UCIP_FA_2015_6498.jpg



View of waterward side--concrete distribution box and gate stems located on waterward slope.

LM Start	2.18	Rating **	M	Issue No.	55 (cont)
LM End	2.18	Issue Type +	En	Location *	WS

Photo 2 of 3 : UCIP_FA_2015_6499.jpg



City of Marysville Wastewater Treatment Facility records indicating multiple crossings through levee.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
---	--	--	--	--	--

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Marysville Levee Commission

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Yuba River	Right	6.79	11/04/2015 11/04/2015	Jai Lor

LM Start	2.18	Rating **	M	Issue No.	55 (cont)
LM End	2.18	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.154752 °	39.154752
				-121.569395 °	-121.569395
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:41001					
DS_ID:19161					
EP_NO: 2149					
FS_HLM: 2.228					
Repair Type: Non-Urgent					
Crossing Status: Indicator Found					

Photo 3 of 3 : UCIP_FA_2015_6500.jpg



View of waterward side.

LM Start	2.70	Rating **	M	Issue No.	33
LM End	3.43	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.160072 °	39.169147 °
				-121.562475 °	-121.555802 °
DWR ID	DWR_NA0004_03_f_2015_33				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Marysville Levee Commission

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Yuba River	Right	6.79	11/04/2015 11/04/2015	Jai Lor

LM Start	3.30	Rating **	M	Issue No.	56
LM End	3.30	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.167590 °	39.167590 °
				-121.556903 °	-121.556903 °
DWR ID					

Action/Comments

Inspector Comments: FS_ID:41002
 DS_ID:19116
 EP_NO: 15010
 FS_HLM: 3.3569
 Repair Type: Non-Urgent
 Crossing Status: Found
 UCIP Comments: Need to contact owner to determine status. Manholes present at the following locations: 39.166742598 -121.55771393, 39.165767008 -121.558388687, 39.164557033 -121.559197594
 FIELD_STRUCT_DESC: 8-inch fusion welded polyethylene gravity sewer pipe through levee, 8-feet below the levee crown. Shut-off valve within manhole located 46-feet waterward of levee shoulder. Encased in reinforced concrete through levee section. Extends parallel to levee, 10-feet from toe. (Permit No. 15010-1989).
 FS Date: 03/14/2013

LM Start	3.30	Rating **	M	Issue No.	56 (cont)
LM End	3.30	Issue Type +	En	Location *	LS

Photo 1 of 2 : UCIP_FA_2015_1287.jpg



View of landward side.

Photo 2 of 2 : UCIP_FA_2015_1288.jpg



Manhole located on landward toe.

* Location	** Rating	+ Issue Type
LS : Land Side WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
N/A : Not Applicable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Marysville Levee Commission

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Yuba River	Right	6.79	11/04/2015 11/04/2015	Jai Lor

LM Start	3.72	Rating **	M	Issue No.	28
LM End	4.26	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.172293 °	39.178421 °
				-121.552042 °	-121.545860 °
DWR ID	DWR_NA0004_03_s _ 2015_28				
Action/Comments					
Fence					

Photo 1 of 1 : FA_2015_NA0004_106_28_20151112_00010.jpg



View of the fence on the waterward shoulder of the levee looking upstream. Fall 2015.

LM Start	4.58	Rating **	M	Issue No.	34
LM End	4.58	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.182347 °	39.182347 °
				-121.542744 °	-121.542744 °
DWR ID	DWR_NA0004_03_f _ 2013_34				
Action/Comments					
Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comments: Blackberries on landward levee slope.					

No Photos

LM Start	4.88	Rating **	U	Issue No.	1
LM End	6.79	Issue Type +	En	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments				o
					o
DWR ID	DWR_NA0004_03_s _ 2012_1				
Action/Comments					
Fence					
Inspector Comments: Levee miles 4.88-6.79 not inspected due to limited access from livestock fencing. Levee crown has been mowed.					

Photo 1 of 1 : FA_2015_NA0004_106_1_20151030_00001.jpg



Marysville, Unit 3 - Spring 2013 - Patrol road vegetation.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
--	--	---	--	---	--

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Marysville Levee Commission

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Yuba River	Right	6.79	11/04/2015 11/04/2015	Jai Lor

LM Start	5.47	Rating **	M	Issue No.	10
LM End	5.47	Issue Type +	En	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.190993 °	39.190993 °
				-121.530650 °	-121.530650 °
DWR ID	DWR_NA0004_03_s _ 2012_10				
Action/Comments					
Ramp					
Inspector Comments: This is on the patrol road.					

Photo 1 of 1 : FA_2015_NA0004_106_10_20151030_00005.jpg



This ramp is on the patrol road, no known permit.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	--	---